AN-602 Overdrive

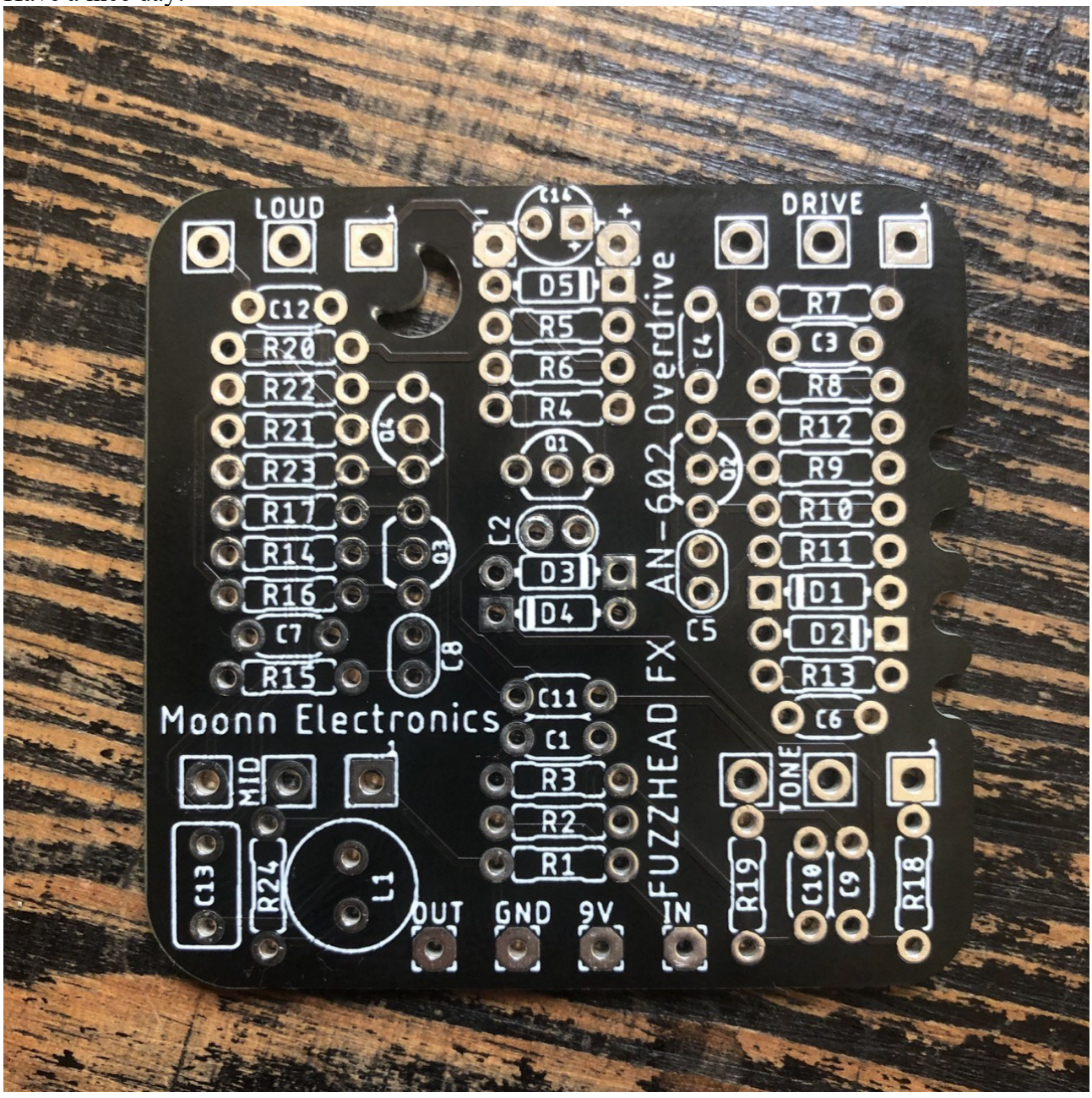
Moonn Electronics and Fuzzhead FX

Hi there!
Thank you for building me!

My circuit was designed by Anders of Dirtboxlayouts/ Fuzzhead FX so please check out his page since he is an absolute gem to the DIY community and in general just a nice person.
https://dirtboxlayouts.blogspot.com/

If you have any questions or anything else to say, just write an email to
moonnelectronics@gmail.com

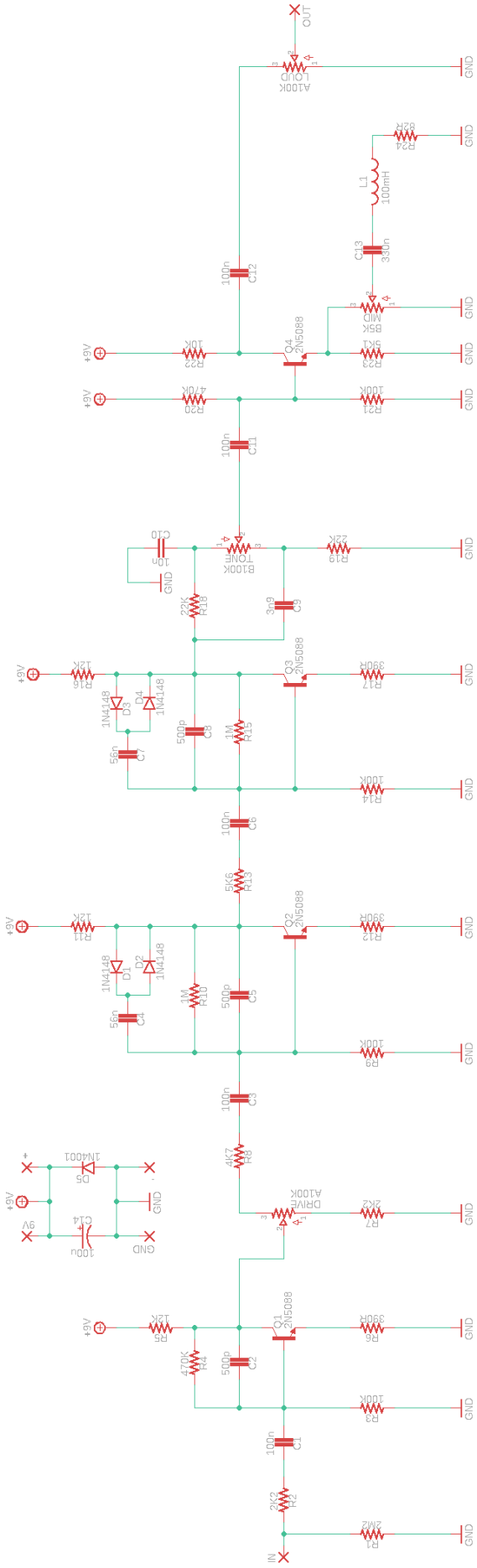
Have a nice day!



Bill of Materials

Qty	Value	Parts
Resistors		
1	82R	R24
3	390R	R6, R12, R17
2	2K2	R2, R7
1	4K7	R8
1	5K1	R23
1	5K6	R13
1	10K	R22
3	12K	R5, R11, R16
2	22K	R18, R19
4	100K	R3, R9, R14, R21
2	470K	R4, R20
2	1M	R10, R15
1	2M2	R1
Film and Ceramic Capacitors		
3	500p	C2, C5, C8
1	3n9	C9
1	10n	C10
2	56n	C4, C7
5	100n	C1, C3, C6, C11, C12
1	330n	C13
Electrolytic Capacitors		
1	100u	C14
Inductors		
1	100mH	L1
Semiconductors		
4	1N4148	D1, D2, D3, D4
1	1N4001	D5
4	2N5088	Q1, Q2, Q3, Q4
Potentiometers		
1	B5K	MID
2	A100K	DRIVE, LOUD
1	B100K	TONE

Schematic


OUT
A100K
LOUD
GND
B24K
R24
L1
100mH
C13
330n
C12
100n
B5K
MID
R23
5K1
Q4
2N5088
R22
10K
+9V
R20
47K
R21
100K
C11
100n
B100K
TONE
C10
10n
R19
22K
R18
22K
C9
3n9
R16
12K
D3
1N4148
D4
1N4148
C8
500p
R15
1M
C7
56n
Q3
R17
390K
R14
100K
C6
100n
R13
5K6
R11
12K
D1
1N4148
D2
1N4148
C4
56n
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R6
390K
R3
100K
C1
100n
R2
2K2
R1
2M2
IN

Offboard Wiring